



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx FTZU 19.0003X** Page 1 of 4 [Certificate history:](#)
Status: **Current** Issue No: 2 [Issue 1 \(2020-03-05\)](#)
Date of Issue: 2020-06-18 [Issue 0 \(2019-12-16\)](#)
Applicant: **Streamlight Inc.**
30 Eagleville Road
Eagleville, PA 19403
United States of America
Equipment: **Intrinsically safe Headlamp type Enduro Pro Haz-Lo**
Optional accessory:
Type of Protection: **Intrinsic safety, Inherently safe optical radiation**
Marking: Ex ia op is IIC T4 Ga

Approved for issue on behalf of the IECEx
Certification Body:

Dipl. Ing. Lukáš Martinák

Position:

Head of the Certification Body

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

**Fyzikálne technický zkušební ústav
(Physical -Technical Testing Institute)
Pikartská 7, 71607 Ostrava - Radvanice
Czech Republic**





IECEX Certificate of Conformity

Certificate No.: **IECEX FTZU 19.0003X** Page 2 of 4

Date of issue: 2020-06-18 Issue No: 2

Manufacturer: **Streamlight Inc.**
30 Eagleville Road
Eagleville, PA 19403
United States of America

Additional manufacturing locations: **REDACTED**

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

IEC 60079-28:2015 Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
Edition:2

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[CZ/FTZU/ExTR19.0003/00](#)

[CZ/FTZU/ExTR19.0003/01](#)

[CZ/FTZU/ExTR19.0003/02](#)

Quality Assessment Reports:

[GB/BAS/QAR17.0010/02](#)

[NO/NEM/QAR14.0001/04](#)



IECEx Certificate of Conformity

Certificate No.: **IECEx FTZU 19.0003X**

Page 3 of 4

Date of issue: 2020-06-18

Issue No: 2

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The equipment is a portable, battery operated, headlamp. The equipment is an intrinsically safe apparatus. The equipment comprises a lamp body with battery cover (red static dissipative plastic) and a switch (black rubber). Inside of the equipment there are 1.5V primary alkaline cells size AAA in a battery case and three printed circuit boards with two white LEDs. There are no input or output IS terminals.

Dimension: width - 56mm, height - 51mm, depth - 35mm

Ambient temperature: -20°C to +40°C

Degree of protection: IP 66

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The product shall only be opened in a non-hazardous area.
2. The cells type Energizer LR03 or Duracell Duralock MN2400 or Panasonic plus Power LR03 or Panasonic LR03(XJ) or Varta Longlife 4103 or Varta Industrial 4003 or Varta High Energy 4903 size AAA shall only be used in the product.
3. The product shall be properly fixed on the user's head in hazardous area.



IECEX Certificate of Conformity

Certificate No.: **IECEX FTZU 19.0003X**

Page 4 of 4

Date of issue: 2020-06-18

Issue No: 2

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 2:

1. Modification of the LED.
2. Approval documentation has been updated.